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5/12/95

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
POLLUTION REPORT

DATE: MAY 12, 1995

FROM: PETE GURIA, OSC, RESPONSE SECTION 2, CHICAGO, IL

TO:

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DUTY OFFICER NATIONAL RESPONSE CENTER, WASH. D.C.....(US-MAIL)
L.ROBERTSON, CITY of CHICAGO, DEPT. of ENVIRONMENT.....(VIA-FAX)
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.....(VIA-FAX)
CHICAGO FIRE DEPARTMENT.....(VIA-FAX)

SUBJECT: HARRISON SHEET STEEL SITE, REMOVAL ACTION, CHICAGO, IL

POLREP NO.: 3

SITE ID NO.: OP

CERCLIS ID NO.: 0001048834

RESPONSE AUTHORITY: CERCLA

START DATE: 2/22/95

DELIVERY ORDER NO. : 5001-05-367

NPL STATUS: NON NPL

LATITUDE: 41°52'09.3"

LONGITUDE: 87°44'30.4"

COMPLETION DATE:

1. SITUATION:

- A. Removal actions continuing at this former desk and file cabinet manufacturer. Activities are moving at a rapid, efficient pace. Weather has remained cool and rainy with average temperatures in the mid 50's. Rain has fallen off and on all week, and puddling has occurred in all rooms of the building. Weather conditions had delayed subcontractor installation of a gate across the overhead door to Rm #7.
- B. The adverse weather confined the local prostitutes indoors and allowed the crew to conduct activities without distraction.
- C. Drum sampling, compatibility determination, and restaging activities are complete. Drum consolidation and re-packaging nearing completion.
- D. Between the crew's departure Tuesday May 2nd, and the morning of May 3rd, a vandal entered the building through the locked and posted gate to room 6. No equipment was stolen; however, a window on the rented track-hoe was broken, but no other evidence of theft or vandalism was encountered. Security guard did not witness the event nor did he notice any signs of unlawful entry. The security company was notified and is expected to enforce conducting rounds of the building. Another lock and chain were placed on the gate to prevent reoccurrence and no other incidents have occurred.

- D. Screening, segregation, and consolidation of solid waste pile in Rm #6 nearing completion. Disposal coordination underway. Disposal will be major thrust for the next phase of the project.

2. ACTIONS TAKEN:

- A. Four loads of clean scrap steel were shipped off site on between May 1 & 2. One load remains to be shipped.
- B. Hazcatting completed 5/2, and similar compatibility groups have been combined to minimize the total number of groups from 14 to 10. Disposal analysis of Group M composite sample waste stream received from lab 5/2, allowing for further consolidation of waste stream groups. Currently, 9 groups remain.
- C. Drum restaging completed 5/10. Drums in group M (non-flammable metal containing solids) were placed in room 7 for bulking into rolloff boxes. Group N (non-flammable, non-metal solids) were bulked with the screened material in room 6. Groups H (combustible solids), I (flammable liquids), and J (flammable solids) were restaged for repackaging into DOT shippable drums. Group K (mercury waste) is ready for shipment to disposal or recycling facility. Group E (base/neutral liquids) drums restaged near poly tank awaiting consolidation.
- D. On 5/3 four composite samples of combustible/flammable waste streams were sent to EMT lab for disposal analysis. Results: received 5/9 and indicate BTU values sufficient for fuels blending for both flammable liquids, and combination of flammable and combustible solid groups.
- E. Repackaging of flammable liquid and solid drums into DOT shippable containers began 5/9. Group H completed 5/10, Group J completed 5/11, and Group I completed 5/12. All drummed waste is consolidated, re-packaged and ready for transport to TSDs by 5/12.
- F. First round of debris screening completed 5/10. Screening continues on debris for a second round to provide a thorough removal of fine material from large debris. The fine material may also be run to remove any large materials that made it through the first run to ensure treatability.
- G. Samples of group M were sent to City Environmental, Detroit, MI, and to Envotech, Livonia, MI, for disposal characterization and acceptance. Approval was granted for Group M on 5/10 by Chem Met.
- H. Loading of group M into rolloff boxes began on 5/12.

3. PLANS:

- A. Analytical results for the fine portion of the solid waste screened material expected to be received 5/16. If the results indicate the solid waste material to be similar to Group M, this material will be consolidated and shipped with the Group M solids. If the analysis shows this material to be incompatible, the waste will be profiled as a separate stream.
- B. RES T&D coordinator to continue profiling waste streams as

- analytical results return from lab.
- C. Ship waste streams as acceptance is granted and shipments scheduled.
 - D. It is expected that the fine solid waste stream may need to undergo an additional round of screening to ensure complete removal of debris for disposal. The fines may contain high levels of lead and would then require fixation prior to disposal. Expect to begin re-screening of material 5/15. Must be completed by 5/17 so power screen can be decontaminated and demobed.
 - E. Expect to complete consolidation of Group M solids into rolloff boxes week of 5/15. Currently, awaiting third disposal bid before facility selection. Once bid is received, expect to prepare and begin shipment immediately.
4. KEY ISSUES:
- A. Organic vapors volatilized during repackaging of the flammable waste groups have accumulated in the drum staging area in concentrations of up to 40 ppm. No work is being performed in this room without Level B breathing protection. Some low levels of organic vapor were measured outside of the building near room 5. A plastic curtain was hung at the overhead doorway to room 5 to prevent any future migration of vapors outside of the building. Air monitoring conducted along perimeter of site, outside doorway to drum staging area (Rm #5), indicates visqueen curtain is effective at containing organic vapors within facility. No readings above background have been detected on any PID.
 - B. Recent warm weather has brought an increase of activity on the streets. Security guards are now staying on 5th avenue where they can watch crew members that are working outside, and where they have a better view of the building.
5. COSTS:
- A. Case open;
 - B. Costs through 05/11/95;

	<u>BUDGETED</u>	<u>TOTAL to DATE</u>	<u>REMAINING</u>
ERCS	\$ 1,375,000	\$ 338,934.83	\$ 1,036,065.17
TAT	244,000	48,880.85	195,119.15
USEPA-DIR	50,340	13,365.00	37,275.00
USEPA-INDR	93,025	26,343.66	66,681.34
TOTALS	\$ 1,762,365	\$ 427,224.34	\$ 1,335,140.66

END